

## ABSTRACT

In an image transmission system for a mobile robot that can move about and look for persons such as children separated from their parents in places where a large number of people congregate, a human is detected from the captured image and/or sound. An image of the detected human is cut out from a captured image, and the cut out image is transmitted to a remote terminal or a large screen. By thus cutting out the image of the detected human, even when the image signal is transmitted to a remote terminal having a small screen, the image of the detected human can be shown in a clearly recognizable manner. Also when the image is shown in a large screen, the viewer can identify the person even from a great distance. The transmitted image may be attached with various pieces of information such as the current location of the robot.